

# HAZARD ALERT

## ELECTRICAL



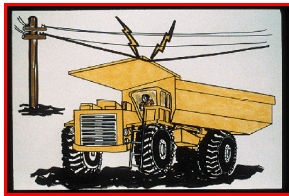
SINCE JANUARY 1986, 56 MINERS HAVE BEEN ELECTROCUTED OPERATING OR MAINTAINING EQUIPMENT.

### IMPROPER LOCKOUT - 24 MINERS



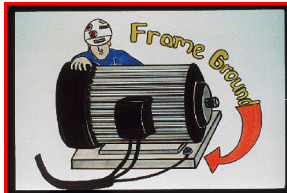
- C MECHANICAL WORK - LOCKOUT AND TAG POWER CIRCUITS PRIOR TO WORKING ON EQUIPMENT.
- C ELECTRICAL TROUBLESHOOTING - LOCKOUT, TAG, AND GROUND DEENERGIZED POWER CIRCUITS PRIOR TO WORKING ON EQUIPMENT. DO NOT TROUBLESHOOT HIGH VOLTAGE CIRCUIT WHILE ENERGIZED.

### OVERHEAD POWER LINES - 12 MINERS



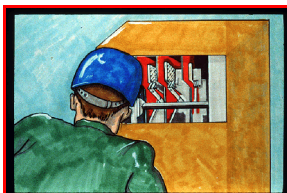
- C OVERHEAD POWER LINES SHOULD BE AT LEAST 10 FEET ABOVE THE EXTENDED REACH OF THE LARGEST UNIT OF EQUIPMENT USED.
- C DO NOT PLACE STOCK PILES UNDER OVERHEAD POWER LINES.
- C TYPICALLY, OVERHEAD POWER LINES ARE NOT COVERED WITH INSULATION.

### INADEQUATE GROUNDING - 14 MINERS



- C ELECTRICAL EQUIPMENT FRAMES SHOULD BE GROUNDED BY AN EFFECTIVE EQUIPMENT GROUNDING CONDUCTOR.
- C ALL EXTENSION CORDS MUST BE PROVIDED WITH A GROUNDING CONDUCTOR.
- C POWER TOOLS MUST BE EITHER DOUBLE INSULATED OR PROVIDED WITH A FRAME GROUND.

### OTHERS ELECTROCUTIONS - 6 MINERS



- C ELECTRICAL EQUIPMENT USED IN WET LOCATIONS MUST BE GIVEN EXTRA CARE AND MAINTENANCE.
- C DAMAGE TO CABLE JACKETS AND INSULATION MUST BE REPAIRED OR THE CABLE REMOVED FROM SERVICE.

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